

08/47995

ABSTRACT OF THE DISCLOSURE

A method of detecting in a sample an analyte (A) having a molecularly recognizable portion thereon, which comprises: providing (B) a molecular bridging entity having thereon: (i) a portion capable of recognizing the molecularly recognizable portion on the analyte; and (ii) a portion comprising a polynucleotide sequence; and (C) a signalling entity having thereon: (i) a polynucleotide portion capable of annealing to the polynucleotide portion of the bridging entity, thereby to form a stable polynucleotide hybrid, and (ii) a signal generating portion; forming a complex comprising: (1) the analyte (A) complexed through its molecularly recognizable portion to (2) the recognizing portion of the entity (B); the entity (B) being complexed through the polynucleotide portion thereon to (3) the polynucleotide portion of the signalling entity; and detecting a signal by means of the signal generating portion present in the complex.

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